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Changes in the Mechanical Properties of Nerves
During Its Stimulation, by Ye. V. Kornakova,
G. M. Frank, 7 pp.

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CIA/FDD/U-5630

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Scientific - Biology, nervous activity

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Aged Alloys of the Type Al-Cu-Mg and Duralumin, by
V. M. Berezhanii, UNCLASSIFIED

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Oct/903

Scientific - Chemistry, Min/Metals

Propagation of Electromagnetic Waves Over a Plane
Surface with Anisotropic Homogeneous Boundary Con-
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Scientific - Physics
CIA 2001373

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The Alkylation of Toluene and Diisopropylbenzene With Acetylene, by V. L. Vaiser, 8 pp.

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RT-3863

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Sci - Chemistry

Aug 1956

Self-Diffusion and Viscous Flow (Sintering and Creep) of Compacted Metal Powders, by Ya. E. Geguzin.

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Scientific - Minerals/Metals

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(FDD 19287)

The Synthesis of Acetaldehyde Tagged With Radio-
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9 pp.

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CIA/FDD/U-5516

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Scientific - Chemistry, isotopes

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On the Corrosion Fatigue Limit, by G. V. Karpenko

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Brutcher Tr 3161

Scientific - Minerals/Metals

CTS/DEX

Price \$3.40

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Corrosion Behavior of Stainless Steels in Oxidizing
Solutions, Corrosion in Chromic Acid Solutions, by
M. M. Kurtepov, G. V. Akimov, N. N. Bardish

Full translation.

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Scientific - Minerals/Metals

Price \$1.90

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The Acidity of Aluminosilicates and Its Connection
with Catalytic Activity, by K. G. Myesserov, 9pp.

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Sci - Chemistry
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EXHBY A. A. Trapeznikov, G. V. Belugina, 8 pp.

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Def Sci Info Svc T 105 R

also in Russian 54/511 + 54/512

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Scientific - Chemistry

CIA 2010005

*Dec 53 CTS
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9 pp.

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Intensity of Immunity of White Mice Depending on
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54A 61-28024

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Scientific - Medicine

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Concerning a Case of Sound Propagation in an
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4 pp. UNCLASSIFIED

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SLA 59-15106
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FTD TT-65 368

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AF Cambridge Research Center L-120
Tech Tr No 3 30,391

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Scientific - Physics

Jan 56 CTS/DEX

SLA R1942

Abrasive Wear of Metals at Various Temperatures and
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Brutcher Tr No 3062

SLA R-1767

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Rattner, S. B.

ON THE RATE OF WEAR OF RUBBER AND ITS
RELATION TO COEFFICIENT OF FRICTION (O
Pokazatele Iatriraniyn Reziny i Yego Soyazi e Koeffit-
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Order from LC or SLA mi\$1.80, ph\$1.80 61-13685

Trans. of Akademiya Nauk SSSR. Doklady 1952, v. 82,
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Another translation is available from OTS \$0.50 as
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142,842

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2. Rubber--Deterioration
1. Rattner, S. B.
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Office of Technical Services

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Kogan, V. S. and Pines, B. Ya.
EQUILIBRIUM DIAGRAM OF THE In - Pb SYSTEM.
[1962] 7p. (figs. omitted) 6 refs.
Order from OTS or SLA \$1.10

62-20286

Trans. of [Akademiya Nauk] SSSR, Doklady, 1952,
v. 87, no. 5, p. 771-773.

DESCRIPTORS: *Lead alloys, *Indium alloys,
Thermodynamics, Transformations.

The basic features of the equilibrium diagram for the In - Pb system are: (1) Narrow regions of mixtures of two phases, $\alpha + \gamma$ and $\gamma + \beta$, which grow wider at temperatures close to the melting point; (2) The appearance of a liquid phase at the temperature of 160° in alloys containing 20 to 25at. % Pb and at a temperature in the neighborhood of 170° in alloys containing 28 to 36 at. % Pb; (3) The absence of transformations in (Physics--Thermodynamics, TT, v. 9, no. 11) (over)

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Office of Technical Services

Synthesis of Pyrimidinoimidazolones, by M. A.
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The Interacting System Composed of the Hydroxides
and Chlorides of Potassium and Lithium, 7 pp.

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No 5, Moscow, 30 Jul 1952, pp 791-793.

CIA/FDD/U-5592

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Scientific - Chemistry, potassium, lithium

Feb 54 CTS

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Corrosion Characteristics of Alloying Elements of
Stainless Steels in Oxidizing Solutions. Corrosion
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Scientific - Minerals/Metals

Jun 53 CT8

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Effect of the Frequency of Stress Cycles Upon
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The Polarographic Reduction of Sulfones and
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Sci - Chemistry

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An Investigation of the Process of the Formation
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Decomposition of Hydrocarbons, by P. A. Tesner,
I. S. Rafal'kes,

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New Aspects of the Earth's Electric Field, by A. V.
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Scientific - Geophysics

Feb 5 - 0 - 1 - 1

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The Content of "Easily Hydrolyzed Compounds Containing Hexosamine in the Human Brain," by A. M. Kuzin, G. A. Garzunova, 7 pp.

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*PL 480

OTS 61-11437

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Fluorescence Spectrum of Coronene in Frozen
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L. A. Klimova.

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v. 87, no. 6, p. 943-946.

DESCRIPTORS: *Geology, *Seismic waves, Seismo-
graphs, Earthquakes, *Earth, Geophysics,
Lithosphere.

(Earth Sciences--Geology, TT, v. 9, no. 9)

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12 pp.

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A. G. Ivakhnenko, 6 pp.

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10 pages, UNCLASSIFIED

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Scientific - Chemistry

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Full translation.

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Scientific - Chemistry

Sep 53 CTS

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Investigation of the Physical Structure of
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Enthalpie et chaleur specifique du silicium aux hautes
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Effect of the Formaldehyde Derivative of Norsulfazol
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Thermal Capacity and Structure of Silicate Glasses,
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CTS/DEZ

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Study of Process of Growth of Carbon-Black
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Butcher No 3222

Scientific - Min/Metals

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Thermal Decomposition of Potassium and Sodium
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Electrophoretic Determination of Protein Fractions on
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The Effect of the Stimulating Action of the Exciting
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Theory of the Periodic System of the Elements, by
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The Diffusion of Polystyrene Fractions in
Dichlorethane, by V. N. Tsvetkov, S. I. Klenin, 5 pp.

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Motion of a Sphere in a Visco-Plastic Liquid
Dispersion System, by M. V. Tyabin, 5 pp.

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REF ID: A7

Scientific - Physics

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Relation Between the Velocity of Oxidation and the
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Scientific- Chemistry

Sep 53 025

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(FDD 17666)

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Sci - Chem

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Nekrasova, V. A.
SYNTHESIS OF SECONDARY HALOALKANES BY
THERMAL CHLORINATION OF n-ALKANES. [1964]

7p

Order from K-H \$4.20

K-H-13077-2

Trans. of Akadeniya Nauk SSSR, Doklady, 1953, v. 88,
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(Chemistry--Organic, TT, v. 12, no. 1)

TT-64-12920

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Suvorov, B. V., Rafikov, S. R., and Anuchina, I. G.
ON THE MECHANISM OF VAPOR-PHASE OXIDATION
OF TOLUENE, BENZYL ALCOHOL AND BENZ-
ALDEHYDE IN THE PRESENCE OF VANADIUM
OXIDES (O Mekhanizme Parofaznogo Okisleniya Toluola,
Benzilovogo Spirta i Benzal'degida v Prisutstvii Okislov
Vanadiya). [1963] 7p 20ruds

Order from OTS, SLA, or ETC \$1.10 TT-64-10150

Trans. of Akademiya Nauk SSSR (Doklady, 1953, v. 88,
no. 1, p. 79-82. (Abstract available))

Other translations are available from LC or SLA
at \$1.80, pb \$1.80 as TT-59-19143 [1959] [5p]; and SLA
as RT-1015, 8p.; and from Indian National Scientific
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India, Hillside Road, New Delhi-12, India, as T. 867.

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DESCRIPTORS: *Toluenes, *Benzaldehydes, Benzyl
radicals, Alcohols, Vapors, *Oxidation, *Vanadium
catalysts,

(Chemistry--Organic, TT, v. 11, no. 9) (over)

- I. Title: Benzyl alcohol
- I. Suvorov, B. V.
- II. Rafikov, S. R.
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- IV. RT-1015
- V. INSDOC-T-867

Office of Technical Services

Reaction of Cyclohexene With Dilute Nitric
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4 pp.

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Sep 60

Formation of Organo-Aluminum Compounds in the
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by A. Ya. Yakubovich, G. V. Motsarev.

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Assoc Tech Sv RJ-110

Sci - Chemistry

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Structural Transformations of Coal During
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Mar 62

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Specific Catalytic Activity of Carbon, by E. Ya.
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ZnO Photoluminescence at Electrodes in Electrolyte
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9 pp.

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Jul 58

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Effect of Pressure on the Structural Viscosity
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Aug 54

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Synthesis of Carnosine and Anserine in the Liver of
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Full translation.

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Obtainment of Artificial Diapore (Nysrous Alum-
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